Sequence comparison A'

SQ Sequence 649 AA;

Query Match 100.0%; Score 1121; DB 23; Length 649;
Best Local Similarity 100.0%; Pred. No. 7.2e-103;
Matches 208; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy          1 ALPAKPENISCVYYYRKNLTCTWSPGKETSYTQYTVKRTYAFGEKHDNCTTNSSTSENRA 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         20 ALPAKPENISCVYYYRKNLTCTWSPGKETSYTQYTVKRTYAFGEKHDNCTTNSSTSENRA 79

Qy         61 SCSFFLPRITIPDNYTIEVEAENGDGVIKSHMTYWRLENIAKTEPPKIFRVKPVLGIKRM 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         80 SCSFFLPRITIPDNYTIEVEAENGDGVIKSHMTYWRLENIAKTEPPKIFRVKPVLGIKRM 139

Qy        121 IQIEWIKPELAPVSSDLKYTLRFRTVNSTSWMEVNFAKNRKDKNQTYNLTGLQPFTEYVI 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        140 IQIEWIKPELAPVSSDLKYTLRFRTVNSTSWMEVNFAKNRKDKNQTYNLTGLQPFTEYVI 199

Qy        181 ALRCAVKESKFWSDWSQEKMGMTEEEAP 208
              ||||||||||||||||||||||||||||
Db        200 ALRCAVKESKFWSDWSQEKMGMTEEEAP 227
```

RESULT 10
AAB51242
ID AAB51242 standard; Protein; 652 AA.
XX
AC AAB51242;
XX
DT 26-MAR-2001 (first entry)
XX
DE Human haemopoietin receptor protein NR10.1 SEQ ID NO:2.
XX
KW Human; haemopoietin receptor; NR10.1; NR10.2; NR10.3; NR10;
KW immunoregulation; haematopoietic cell regulation; transmembrane;
KW immune disorder; haematopoietic disorder; autoimmune disease; allergy;
KW metal allergy; pollen allergy.
XX
OS Homo sapiens.
XX
PN WO200075314-A1.
XX
PD 14-DEC-2000.
XX
PF 01-JUN-2000; 2000WO-JP03556.
XX
PR 02-JUN-1999; 99JP-0155797.
PR 30-JUL-1999; 99JP-0217797.
XX
PA (CHUG-) CHUGAI RES INST MOLECULAR MEDICINE INC.
XX
PI Maeda M, Yaguchi N;
XX
DR WPI; 2001-061720/07.
DR N-PSDB; AAC92337.
XX
PT Hematopoietin receptor protein NR10 for screening potential ligands for
PT treatment of immune and hematopoietic disorders such as autoimmune
PT diseases and allergies -
XX
PS Claim 1; Fig 3-5; 127pp; Japanese.
XX
CC The present sequence represents a human haemopoietin receptor protein
CC (NR10), specifically designated NR10.1. NR10 occurs as a transmembrane
CC protein and a soluble protein. NR10 is a haemopoietin receptor molecule
CC which participates in immunoregulation and haematopoietic cell
CC regulation in vivo, and is useful in searching for haematopoietic
CC factors capable of binding to the receptor. NR10 can be used for the
CC identification of substances for the treatment and prevention of immune
CC and haematopoietic disorders including autoimmune diseases and allergies
CC such as metal and pollen allergy.
XX
SQ Sequence 652 AA;

Query Match 100.0%; Score 1121; DB 22; Length 652;
Best Local Similarity 100.0%; Pred. No. 7.3e-103;
Matches 208; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy          1 ALPAKPENISCVYYYRKNLTCTWSPGKETSYTQYTVKRTYAFGEKHDNCTTNSSTSENRA 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         33 ALPAKPENISCVYYYRKNLTCTWSPGKETSYTQYTVKRTYAPGEKHDNCTTNSSTSENRA 92

Qy         61 SCSFFLPRITIPDNYTIEVEAENGDGVIKSHMTYWRLENIAKTEPPKIFRVKPVLGIKRM 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         93 SCSFFLPRITIPDNYTIEVEAENGDGVIKSHMTYWRLENIAKTEPPKIFRVKPVLGIKRM 152

Qy        121 IQIEWIKPELAPVSSDLKYTLRFRTVNSTSWMEVNFAKNRKDKNQTYNLTGLQPFTEYVI 180
              ||||||||||||||N||||||||||||||||||||||||||||||||||||||||||||||
Db        153 IQIEWIKPELAPVSSDLKYTLRFRTVNSTSWMEVNFAKNRKDKNQTYNLTGLQPFTEYVI 212

Qy        181 ALRCAVKESKFWSDWSQEKMGMTEEEAP 208
              ||||||||||||||||||||||||||||
Db        213 ALRCAVKESKFWSDWSQEKMGMTEEEAP 240
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RESULT 11
AAE24028
ID AAE24028 standard; Protein; 652 AA.
XX
AC AAE24028;
XX
DT 23-SEP-2002 (first entry)
XX
DE Human HPR1 variant protein #2.
XX
KW Human; haematopoietin receptor; receptor; HPR1; HPR2; cell proliferation;
KW pancytopaenia; leukopaenia; anaemia; thrombocytopaenia; osteoporosis;
KW neurodegenerative disorder; leukaemia; carcinoma; haematologic disorder;
KW cancer; myelodysplastic syndrome; idiopathic thrombocytopaenic purpura;
KW ITP; sickle cell vasocclusive crisis; myelofibrosis; myeloid metaplasia;
KW osteoclast disorder; periodontitis; acute polyneuropathy; Bell's palsy;
KW anorexia nervosa; chronic fatigue syndrome; Creutzfeld-Jacob disease;
KW demyelinating neuropathy; Guillain-Barre syndrome; Gulf war syndrome;
KW vertebral disc disease; myasthenia gravis; chronic neuronal degeneration;
KW stroke; fatigue; tumour; sarcoma; osteoporosis; obesity; infertility;
KW ischaemic disease; variant.
XX
OS Homo sapiens.
XX
PN WO200229060-A2.
XX
PD 11-APR-2002.
XX
PF 05-OCT-2001; 2001WO-US31634.
XX
PR 06-OCT-2000; 2000US-238706P.
PR 13-OCT-2000; 2000US-240476P.
PR 20-FEB-2001; 2001US-270282P.
XX
PA (IMMV) IMMUNEX CORP.
XX
PI Cosman DJ, Mosley BA, Bird TA, Dubose RF, Wiley SR;
XX
DR WPI; 2002-330172/36.
XX
PT Human and murine hematopoietin receptor polypeptides HPR1 and HPR2,
PT useful for treating cell proliferation, metabolic, and reproductive
PT hormone related conditions -
XX
PS Disclosure; Page 110-112; 136pp; English.
XX
CC The present invention relates to human and murine haematopoietin receptor
CC polypeptides HPR1 and HPR2. Sequences of the invention are useful for
CC treating cell proliferation conditions e.g., pancytopaenia, leukopaenia,
CC anaemia, thrombocytopaenia, neurodegenerative disorders and osteoporosis
CC resulting from a lack of bone-forming cells. They are also useful for